Unconducive Research Environment in Scientific Institutions

3094. SHRI BISHAMBHAR NATH PANDE;

SHRI V. NARAYANSWAMY: Will the PRIME MINISTER be pleased to state:

(a) whether Government are aware that the scientist in the Government scientific/research institutions are facing environment/not conductive to research;

(b) if so, whether Government have conducted any survey to find out the malaise in these institution;

(c) if so, what are the details thereof; and

(d) what steps Government have taken to make the working conditions of these institutions healthy?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MNISTER OF STATE IN THE MIN ISTRY OF PARLAMENTARY AFF AIRS (SHRI P. R. KUMARAMANG ALAM) : (a) to (d) There are a large numbers of autonomus scientific res earch institutions in the counry under both the Central and State Governments. Government have made efforts to provide and sustain environment and resources conducive to the promotion of excellence in the various scientific research instituions. Considerable autonomy exists in the functioning of the various scientific research institutions i to enable the Managements to be responsive to the needs of the programmes and per sonnel of the institutions. There exist various tyoes of review mechanisms to ensure excellence and good environment These include Governing Councils Research Advisory Councils! Committees Management and Finance Committees etc. to look into various aspects. In addition Govern ment, from time to time. constitutes Review Committees involving experts to go into the functioning of the institutions Recommendations of the Review Committee are conisdered by the Government for approval and implementation. Outstanding research and development work has been done by the Scientists[1] in these Scientific Research Institutions in the fields of Defence, Atomic Energy, Space, Medicine, Modern Biology, Agriculture and other frontier areas of scientific research. It can be generally concluded that the working conditions in these institutions are healthy and the institutions are functioning effectively.

Preparation of Non Hazardous Pesticides and Bio control Methods by Indian Scientist

3095. SHRI S. S. AHLUWALIA: Will the PRIME MINISTER be pleased to state;

(a) whether it is a fact that a whole range of non hazardous pesticides and bio-control mehods against pests have all been prepared by Indian Scien tist;

(b) if so, what are the details thereof;

(c) whether it is also a fact that the pesticide industry owned mostly by Multi-national companies is seeing to it that the range prepared by Indian Scientists are not utilised at field levels;

(d) if so, the details thereof; and

(e) what corrective measures Government propose to take in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM); (a) to *(e)* The informaion is being collected and will be laid on the Table of the House.

Production of Amorphous Silicon Films

3096 SHRI G. PRATHAPA REDDY: DR SHRIKANT RAMCHANDRA JICHKAR: